

**Computer Support Group  
National Institute of Technology Tiruchirappalli**

**Invited Talk**

**Impact of Digitalization on Utilities & Industries**

**Speaker: Padmasri Krishnamurthy**  
**Global BU Digital Leader, Distribution Solutions**  
**ABB**

**Venue: Conference Hall, CSG**

**Date: February 9, 2018**

**Time: 11.00 a.m.**

**Abstract**

The digital revolution has caught up with the Energy Utilities and the Manufacturing Industries alike. Renewables, distributed generation, and smart grids demand new capabilities and are triggering new business models and regulatory frameworks. Data collection and exchange are growing exponentially, creating digital threats but also valuable opportunities. There is a dramatic increase in variety, volume and velocity of measuring data.

The competition for customers is shifting to the online channel; the Internet of Things promises new product and management options. Entrants from the digital economy are disrupting the industrial landscape, while governments and regulatory bodies seek to encourage smarter measuring systems and greener standards for generation and consumption.

This talk elaborates on the impact of digitalization on the utility earnings, as well as the technologies that enable digitalization.



**Padmasri Krishnamurthy** is an electrical engineering professional with over 25 years of global experience in power industry. She was leading the global business for Distribution Automation in ABB for 7 years achieving top line and bottom line improvements. She was also leading teams in new product introduction and product strategy, solution architecture & layout, product development with prior experience of technical business development and application engineering.

Padmasri is presently Global Digital Leader in Business Unit Distribution Solutions in ABB, responsible for leading the Digitalization Initiative for the BU identifying new revenue streams and building the Digital business.

Padmasri has a Master's degree in Software Systems from Birla Institute of Technology and Science, Pilani with a Bachelor's degree in Electrical and Electronics Engineering from Bangalore University. She has completed the Post Graduate Management Program for Executives from University of California, Los Angeles.